

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 11/26/2008

Control	6182-46-001
Project	RMC - 618246001
Highway	FM0099
County	MCMULLEN

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: RMC - 618246001

CONTROL: 6182-46-001

COUNTY: MCMULLEN

LETTING: 12/05/2008

REFERENCE NO: 1126

PROPOSAL ADDENDUMS

___ PROPOSAL COVER

X BID INSERTS (SH. NO.: Sheet 1-3

)

X GENERAL NOTES (SH. NO.: Sheets 4, 4A & 4B

)

___ SPEC LIST (SH. NO.:

)

___ SPECIAL PROVISIONS:

ADDED:

DELETED:

___ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

___ OTHER:

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

BID ITEM 0316-2196 DELETED, REPLACED WITH 0316-2245

BID ITEM 0316-2199 DELETED, REPLACED WITH 0316-2248

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	110	2001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	855.000	1
	150	2002		BLADING DOLLARS and CENTS	HR	220.000	2
	247	2124		FL BS (RDWY DEL) (TY A GR 4) DOLLARS and CENTS	TON	12,447.000	3
	251	2033		REWORK BS MTL (TY D) (6") (ORD COMP) DOLLARS and CENTS	SY	119,128.000	4
	275	2001		CEMENT DOLLARS and CENTS	TON	1,245.000	5
	275	2014		CEMENT TREAT (MX EXST MTL & NW BS)(8") DOLLARS and CENTS	SY	119,128.000	6
	314	2006		EMULS ASPH (BS OR SUBGR TRT)(MS-2) DOLLARS and CENTS	GAL	17,869.000	7
	316	2005		ASPH (AC-15P) DOLLARS and CENTS	GAL	71,477.000	8
	316	2245		AGGR(TY-PE GR-3 SAC-B) DOLLARS and CENTS	CY	1,192.000	9
	316	2248		AGGR(TY-PE GR-4 SAC-B) DOLLARS and CENTS	CY	1,083.000	10
	500	2001		MOBILIZATION DOLLARS and CENTS	LS	1.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	502	2001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS CENTS and	MO	6.000	12
	506	2001		ROCK FILTER DAMS (INSTALL) (TY 1) DOLLARS CENTS and	LF	150.000	13
	506	2009		ROCK FILTER DAMS (REMOVE) DOLLARS CENTS and	LF	150.000	14
	506	2016		CONSTRUCTION EXITS (INSTALL) (TY 1) DOLLARS CENTS and	SY	111.000	15
	506	2019		CONSTRUCTION EXITS (REMOVE) DOLLARS CENTS and	SY	111.000	16
	506	2034		TEMPORARY SEDIMENT CONTROL FENCE DOLLARS CENTS and	LF	1,500.000	17
	510	2001		ONE-WAY TRAFFIC CONTROL DOLLARS CENTS and	HR	540.000	18
	530	2006		INTERSECTIONS (SURF TREAT) DOLLARS CENTS and	SY	287.000	19
	530	2012		DRIVEWAYS (SURF TREAT) DOLLARS CENTS and	SY	1,401.000	20
	662	2113		WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS CENTS and	EA	50.000	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	662	2115		WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	1,560.000	22
	672	2015		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	732.000	23
	6110	2010		REF PAV MRK TY I (W)(4")(SLD)(100 MIL) DOLLARS and CENTS	LF	62,366.000	24
	6110	2011		REF PAV MRK TY I (Y)(4")(BRK)(100 MIL) DOLLARS and CENTS	LF	5,486.000	25
	6110	2012		REF PAV MRK TY I (Y)(4")(SLD)(100 MIL) DOLLARS and CENTS	LF	32,726.000	26
	6110	2051		REF PAV MRK TY I (W)(24")(SLD)(100 MIL) DOLLARS and CENTS	LF	24.000	27
	6110	2108		REF PAV MRK SEALER (4") DOLLARS and CENTS	LF	100,578.000	28
	6110	2113		REF PAV MRK SEALER (24") DOLLARS and CENTS	LF	24.000	29

Project Number: RMC 6182-46-001

Sheet A

County: McMullen

Control: 6182-46-001

Highway: FM 99

General Notes

TxDOT Project Supervisor – The project will be managed by:

Domingo Garza
1529 SH 72 W
Tilden, Tx 78072
Phone: (361) 274-3351
Fax: (361) 274-3593

This project consists of performing Base Stabilization and a Two Course Surf Treat on FM 99 in McMullen County.

Grading Requirements For:
Item 247 Flex Base (TY A GR 4)

Soil Constants			Wet Ball
LL	PI	PI	Mill
Max	Max	Min	Max

1 3/4"	1 1/4"	7/8"	3/8"	#4	#40
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Percent Retained on each sieve

(247)	0-10	-	-	-	45-75	65-85	45	15	-	*55
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* The maximum increase in material passing the no.40 sieve shall not exceed 20.

===== **Compaction Requirements** =====

<u>Item</u>	<u>Material</u>	<u>Course</u>	<u>Density</u>
251	Rework Base Mat'l, Ty.D	6 In Salvage Base	Ordinary Compaction
275	Cem Trt Ext Mat'l & Nw	8 In after Rework BS	Ordinary Compaction

===== **Basis of Estimate** =====

275	Cement	21.0 LB/SY	1,245.00 Tons
314	Emuls Asph (Bs Trt)(MS-2)	0.15 Gal/SY	17,869.00 Gal

===== **Surface Treatment Data** =====

<u>Description</u>	<u>1st Course</u>	<u>2nd Course</u>
Area	119,128 SY	119,128 SY
Asph—type	AC-15P	AC-15P
Asph—rate(gal/sy)	0.32/1 = 38,121 Gal	0.28/1 = 33,356 Gal
Aggr—Gr	Ty-PE Gr 3 SAC-B	Ty-PE Gr 4 SAC-B
Aggr—rate (cy/sy)	1/100 = 1,192 CY	1/110 = 1,083 CY

County: McMullen

Control: 6182-46-001

Highway: FM 99

Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A contractor awarded multiple contracts, must be capable and sufficiently staffed to concurrently process any or all contracts at the same time.

Notify the Engineer's office by telephone each morning by 8:15 a.m. that work is scheduled, with work location and time of arrival or reason for not working that day.

Item 2 “Instructions to Bidders”

This project includes plan sheets that are not part of the bid proposal.

View plans on-line or download from the web at:

<http://www.dot.state.tx.us/business/plansonline/plansonline.htm>.

Order plans from any of the plan reproduction companies shown on the web at:

<http://www.dot.state.tx.us/gsd/plans/companies.htm> .

Item 5 “Control of Work”

Reference all existing striping and pavement markings to allow these markings to be re-established. Remove all existing raised pavement markings as work progresses, as approved by the Engineer. This work will not be paid directly, but considered subsidiary work to applicable bid items. Materials removed become property of the Contractor for proper management.

Locate utilities in accordance with the Underground Facility Damage Prevention Act (One Call Bill) 1-800-545-6005.

Prevention of Migratory Bird Nesting

It is anticipated that migratory birds, a protected group of species, may try to nest on bridges, culverts, vegetation, or gravel substrate, at any time of the year. The preferred nesting season for migratory birds is from February 15 through October 1. When practical, schedule construction operations outside of the preferred nesting season. Otherwise, nests containing migratory birds must be avoided and no work will be performed in the nesting areas until the young birds have fledged.

Item 6 “Control of Materials”

Remove materials or debris within the construction limits not incorporated in the finished roadway section of right of way and dispose of in a manner acceptable to the Engineer at the expense of the Contractor.

Item 7 “Legal Relations and Responsibilities”

The total disturbed area for this project is 32.876 Acres. The portion of the total disturbed area

County: McMullen

Control: 6182-46-001

Highway: FM 99

classified as an exempt maintenance activity is 25.729 Acres. Therefore, 7.147 Acres of disturbed area, all Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off the ROW. When the total area disturbed in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer (to the appropriate MS4 operator when the project is on an off-state system route).

Item 8 “Prosecution and Progress”

Working days will be computed and charged in accordance with Article 8.3.A.6, Other. Working days will be charged Monday thru Friday, excluding national or state holidays, if weather or other conditions permit the performance of the principle unit of work underway, as determined by the Engineer, for a continuous period of at least 7 hours between 7:00 am and 6:00 pm, unless otherwise shown in the contract. Work on Saturdays, Sundays, state and national holidays will not be permitted without written permission of the Engineer. If work requiring an inspector is performed on a Saturday, Sunday, or holiday and weather or other conditions permit the performance of work for 7 hours between 7:00 am to 6:00 pm, a working day will be charged. Contractor will confine all operations to daylight hours.

Item 110 “Excavation”

Material excavated from the roadway, driveway and intersection operations will become property of the contractor.

Item 275 “Cement Treatment (Road Mixed)”

Unless provided under Item 251 “Reworking Base Courses”, pulverize or scarify existing pavement and/or base material so that 100 percent shall pass the two and a half-(2 ½) inch sieve. Take a sample of road mix at different locations as directed.

Item 302 “Aggregates for Surface Treatments”

Previously tested aggregates delivered to the project, which are found to contain excessive quantities of dust (more than 0.5 percent passing the No. 4 sieve) during precoating, stockpiling or hauling operations, may be rejected by the Engineer. Test Method Tex-200-F, Part I will be used for testing.

The San Antonio District Laboratory will utilize the Ignition Oven Method (Tex 236-F) for aggregate gradation, with the option of utilizing belt or vacuum extraction gradation in the event the ignition oven malfunctions.

Precoated Aggregate Type PE shall consist of crushed slag, crushed stone or natural limestone rock asphalt.

County: McMullen

Control: 6182-46-001

Highway: FM 99

Item 314 “Emulsified Asphalt Treatment”

Use emulsified asphalt during the flexible base or lime treated base finishing process of the final lift. The amount used shall be within the percentile limits determined/approved and not be less than 2 percent of the total mixture.

Item 316 “Surface Treatments”

It is the intent of this contract to use AC -15P. Material rates shown, although based on AC-15P and on a rate normally used for typical/average conditions, may be adjusted depending on the type of material used, and the existing condition/type of roadway surface.

If emulsions are used, a minimum 24 hour curing period will elapse before placing any subsequent asphalt courses. Because of the required curing period, obtain approval before using emulsions.

When using latex asphalt, take precautionary measures to avoid drifting of asphalt onto traffic and adjacent properties.

Set a string line for all surface treatment operations unless otherwise approved .

Flux oil or emulsions may be used for precoating LRA and LRA-Trap Rock blends. When emulsions are used as the pre-coat material, the precoated aggregate will be adequately dried . Provide adequate drying and a minimum 30 day curing period before delivery of the aggregates.

Allow for the addition of lime slurry if the aggregates to be precoated are found to have stripping characteristics. If lime is required, lime meeting the requirements of Item 263 to the aggregate at the rate of 1% hydrated lime by weight of aggregate and shall be added in slurry form at the cold feed. The cost of the lime will be considered subsidiary to this Item. The lime slurry will be added at the stockpile, but not more than 24 hours in advance of use.

Ensure that the asphalt used for precoating the aggregate at the plant and the asphalt used for the surface treatment will not result in a reaction that may adversely effect the bonding of the aggregate and asphalt during the surface treatment operation.

The addition of baghouse fines will not be permitted in the production of precoated material.

Mixes that do not maintain flow qualities where the material can not be satisfactorily spread by approved mechanical spreading devices will not be acceptable.

Stockpiles of aggregate precoated with AC may generate excessive heat build-up resulting in damage to the asphalt and/or aggregates if adequate cooling has not been initially provided. Stockpiles showing evidence of heat damage (as determined by the Engineer) can be rejected by the Engineer.

County: McMullen

Control: 6182-46-001

Highway: FM 99

Aggregates used for the final surface shall have a Flakiness Index not to exceed 15 and shall be subjected to 5 cycles of the Soundness Test in accordance with Test Method Tex-411-A. The percent loss shall not be greater than 30 when magnesium sulfate is used. This test will not apply to blends with crushed trap rock, crushed rhyolite, crushed limestone rock asphalt or lightweight aggregate.

Furnish aggregate with a minimum “B” Surface Aggregate Classification.

The location of aggregate stockpiles must be pre-approved. The aggregate shall be free of excess surface moisture, as determined, before application.

Item 502 “Barricades, Signs, and Traffic Handling”

Furnish and install all signs, barricades and other incidentals necessary for proper traffic control, in accordance with part VI of the “Texas Manual on Uniform Traffic Control Devices for Streets and Highways” and in accordance with the standard plan sheets. Additional devices may be needed to supplement these requirements. All warning signs shall be factory made and in satisfactory condition.

When a Traffic Control Plan (TCP) standard requires the use of one of the following devices, a Type III barricade, channelizing devices or shadow vehicle with orange flags or warning lights, use a shadow vehicle equipped with a Truck Mounted Attenuator (TMA).

Erect temporary traffic control signs in locations that will not obstruct the traveling public’s view of the permanent roadway signing or obstruct sight distance at intersections and curves.

Any lane closures will require prior approval. Request approval 48 hours in advance of lane closures. If a lane closure has to be cancelled due to weather or other unforeseen circumstances, immediately notify the inspector and reschedule the lane closure as necessary.

No more than one lane will be blocked at any time at a specific work site, unless otherwise authorized.

Erect signs in locations not obstructing the traveling public’s view of the normal roadway signing or necessary sight distance at intersections and curves.

When arrowboards are required, provide a standby unit in good working condition at the jobsite ready for immediate use.

Item 506 “Temporary Erosion, Sedimentation, and Environmental Controls”

Temporary Erosion, Sediment and Water Pollution Control Measures are proposed to control pollutants in storm water discharges. These practices are based on information contained in the TxDOT Storm Water Management Guidelines. The schedule of implementation of these practices will be based on intended sequence of major soil disturbing activities. Disturbed areas on which activity

County: McMullen

Control: 6182-46-001

Highway: FM 99

has ceased (temporary or permanently) will be stabilized within 14 days unless activities are scheduled to resume within 21 days.

Place erosion and sediment controls prior to any construction and according to the plans or as directed or approved. Place all controls in a manner which will prevent direct contamination of waterways.

All existing pavement, earth, topsoil, vegetation and other surfaces adjacent to and along the edges of the repair locations are **NOT** to be disturbed in accordance with the proposed typical sections in the plans. In accordance with the schedule of implementation above and/or after repair operations are completed, any disturbance in areas shown to be undisturbed in the typical proposed sections in the plans shall be promptly repaired and restored as approved at the Contractors' expense.

Item 510 "One Way Traffic Control"

The length of the one-way traffic control section shall be limited to **1** mile, unless otherwise authorized.

Item 662 "Work Zone Pavement Markings"

Remove work zone marker tabs placed prior to the final course of surface treatment removed daily as the operations progress. This removal is subsidiary to this Item.

Item 666 "Reflectorized Pavement Markings"

TY I material will be TY B-Alkyd in accordance with DMS-8220.

After the surface has cured for a minimum of two (2) calendar days, been cleaned and prepared according to the specifications and as directed. Apply type II markings in accordance with this item, the plans, Texas MUTCD and/or as directed/approved. The thermoplastic (Type I) markings may be applied directly over existing painted pavement markings where applicable.

The thickness of TY I markings for all lines (lane, edge, no passing, etc.) shall be 0.10 inches (100 mills). These thicknesses (not including the thickness of the surface applied glass beads) are required for the full width and length of the line being placed.

If TY II material is used as the sealer for TY I markings, place the TY II material a minimum of 14 calendar days (to provide adequate curing) in advance of the TY I markings.